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ELECTRICAL, MACHINE INDUSTRIES REPORT
PRODUCTION AND CONSTRUCTION PROGRESS

DAIREN MACHINE PLANT MAKES REPAIRS -- Dairen Lü-ta Jen-min Jih-pao, 5 Jul 50

Dairen -- A rehabilitation and repair program has been in progress since April 1950 at the Dairen Machine Plant, subsidiary of the Dairen Reconstruction Corporation. Reconstruction activities involve the electrode plant and welfare facilities such as the dormitory and eating hall. Recovery has been completed at the steel foundry, the forge, and the large-scale locomotive plant. These projects in all cover an area of 25,760 square meters, much of which had been damaged under the Japanese puppet administration.

At the electrode plant, now being rebuilt, relatively modern equipment will replace the manual techniques now used in the manufacture of materials. One of the six firing furnaces slated for rehabilitation has been repaired and has begun to dry; firing tests may be made during July. One 3-ton furnace and one 5-ton furnace have been rehabilitated in the foundry, where previously there had been only a 3-ton furnace. At the forge, which has not operated since the liberation, plans call for one 2-ton, one 1-ton, and one half-ton steam hammer to begin operation in September.

The reconstruction program, however, has been impeded by a shortage of materials and a dearth of trained technical personnel which the corporation hopes soon to alleviate through readjustment and constructive methods.

METALS PLANT SURPASSES QUOTAS -- Dairen Lü-ta Jen-min Jih-pao, 8 Jul 50

Dairen -- During the month of June, the 420 workers at the Metals and Machinery Plant of the Far East Electrical Industries Corporation passed their quota by 0.05 percent without producing any reject items. This was accomplished by marking the products of each production team with a distinctive symbol to build up a feeling of responsibility.

The plant makes molds, castings, invested gear cases, metal frames, screws, and other equipment.

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INSULATOR OUTPUT RISES -- Dairen Lu-ta Jen-min Jih-pao, 12 Jul 50

Dairen -- At present, the insulator shop of the Far East Electrical Ceramic Insulator Plant produces over 2,400 insulators per man-day. Total monthly production exceeds 310,000 insulators, of which only 17 percent are rejected.

Prior to recent factory reforms in technical process, including improvement of workers' political awareness, the institution of competitive production schedules, etc., the output had been only 120,000 per month with a reject factor of 70 percent.

ELECTRODE PRODUCTION RISES -- Dairen Lu-ta Jen-min Jih-pao, 12 Jul 50

Dairen -- Electrodes measuring 10 inches in diameter and 160 millimeters in length are being produced at the rate of one each 13 minutes at the Dairen Machinery Plant. When the oil-operated presses were first installed at the plant, they were improperly wired, due to a lack of technical knowledge. The presses then turned out one such electrode every 21 minutes. As a result of recent investigations, the presses were rewired and the rate of production has been raised to its present level.

WU-SUNG MACHINERY PLANT UPS OUTPUT -- Shanghai Ta Kung Pao, 10 Jul 50

Shanghai -- Recent revisions in the administration of the publicly operated Wu-sung Machinery Plant have resulted in increased production. During the first quarter, it was impossible to complete production quotas except in the cold-processing shop. Significant changes took place after May, however. In the first quarter, the cold-processing shop required 10 work-units to complete one dump-type coal car. But the requirement for the second lot of coal cars dropped to $7\frac{1}{2}$ work-units.

In April, the foundry produced 43 tons of castings; in May, its output rose to 52 tons. Improvements have also been made in casting journal boxes. In forging curved shafts, 12 firings were originally needed, consuming 12 hours. The process has now been cut down to only six or eight firings in 6 or 8 hours. Raw material for the daily production of two such shafts has been reduced from the original 26-inch requirement to $20\frac{1}{2}$ inches. These improvements have led to a one-fifth surplus over the monthly quota.

In the repair shop, wood from cast-off packing crates has been converted into benches. Workers in the machine shop have made their own tools for themselves during May. In this same period, the tool shop turned out 95 types of finished articles, all of high quality, with no rejects.

The Wu-sung Machinery Plant expects to receive the bigger part of an order for 1,350 12-horsepower Diesel motors which was allocated to East China at the Nationwide Machine Conference. At this present rate, the plant can produce no more than 60 a month. Even if the manufacture of parts is assigned to various other public and private factories, the Wu-sung Plant will still have to tighten its organization and raise its production rate to meet the demand. Consequently, the plant is in the midst of great preparations.

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